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To: Bill Caton, Acting Secretary

From: *JB*
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DEC '6 1993

FEDERAL COMMUNICATIONS COMMISSION
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**FINAL ACTS
OF THE
WORLD RADIOCOMMUNICATION
CONFERENCE
(Geneva, 1993)**



Geneva, 1993

PREAMBLE

The Additional Plenipotentiary Conference of the International Telecommunication Union (Geneva, 1992), in its Resolution 9, resolved that a World Radiocommunication Conference (WRC-93) should be convened in 1993 to make recommendations to the Council concerning the agenda for the 1995 World Radiocommunication Conference, including the review of the Radio Regulations based on the report of the Voluntary Group of Experts and any guidance on facilitating the use of frequency bands allocated to the mobile-satellite service, by recommending the inclusion of these matters in the agenda of the 1995 World Radiocommunication Conference, and to make recommendations for the preliminary agenda for the 1997 World Radiocommunication Conference.

The Administrative Council of the Union, at its session in 1992, adopted Resolution No. 1032, in which it resolved that the WRC-93 should be held in Geneva from 15 to 19 November 1993 inclusive, and established the agenda of the Conference.

In accordance with that Resolution of the Administrative Council, the World Radiocommunication Conference was convened in Geneva during the period referred to above and adopted the Resolutions and the Recommendations contained in the present Final Acts.

RESOLUTION No. [COM4/1]

Agenda for the 1995 World Radiocommunication Conference

The World Radiocommunication Conference (Geneva, 1993),

considering

- a) Resolutions 8 and 9 of the Additional Plenipotentiary Conference, (Geneva, 1992);
- b) Article 13 of the Constitution (Geneva, 1992) regarding the competence and scheduling of world radiocommunication conferences and Article 7 of the Convention (Geneva, 1992) regarding their agendas;
- c) the relevant resolutions and recommendations of previous world administrative radio conferences;
- d) the recent technological advances in the field of broadcasting,

recognizing

- a) that the work of the Voluntary Group of Experts (VGE) should be considered and implemented as quickly as possible, to ensure that future decisions of the Radiocommunication Sector are made within the framework of any new substance, structure or arrangement of the Radio Regulations;
- b) that activities related to implementation of the decisions of the World Administrative Radio Conference (Malaga-Torremolinos, 1992) concerning the mobile-satellite service (MSS) indicate that some of those decisions may require further consideration;
- c) that the provision of feeder links is an integral aspect of facilitating the use of the frequency bands allocated to the MSS,

recognizing further

- a) that there are a limited number of other issues which can be considered at the 1995 World Radiocommunication Conference (WRC-95) without affecting consideration of VGE and MSS issues;
- b) the need to maintain and protect other services to which the frequency bands to be considered by WRC-95 are also allocated,

resolves

to recommend to the Council that a world radiocommunication conference be held in Geneva in late 1995 for a period of four weeks, with the following agenda:

1. to review the final report of the VGE, and to consider related proposals from administrations, in order to undertake, as appropriate, a revision of the Radio Regulations and to provide a timetable for the implementation of outstanding recommended actions;

2. on the basis of proposals by administrations and the report from the Conference Preparatory Meeting:

2.1 with a view to facilitating the use of frequency bands allocated to the mobile-satellite services and with due regard to existing services to which the frequency spectrum to be considered by the Conference is also allocated:

- a) review the technical constraints associated with the frequency bands allocated below 3 GHz to mobile-satellite services and associated provisions, resolutions and recommendations;
- b) review the date of entry into force of allocations in the bands 1 980 - 2 010 MHz and 2 170 - 2 200 MHz in Regions 1 and 3 and the bands 1 970 - 2 010 MHz and 2 160 - 2 200 MHz in Region 2;
- c) consider allocations and regulatory aspects for feeder links for the mobile-satellite services taking account of the interference that may be caused to satellite systems in the geostationary-satellite orbit;

2.2 to consider power limits for earth stations in the Earth exploration-satellite, space research, and space operation services in the band 2 025 - 2 110 MHz;

2.3 to review Resolution No. 112 in the light of the results of studies carried out in application of that Resolution and take appropriate action;

3. to consider the following items, taking into account the work carried out by the study groups and the Conference Preparatory Meeting of the Radiocommunication Sector, with a view to WRC-97 taking action, as appropriate:

- a) Appendices 30 and 30A for Regions 1 and 3 in response to Resolution No. 524 (WARC-92), and taking particular account of **resolves** 2 of that Resolution and with due regard to the advantage of taking into account, where practicable, the orbital arcs of Appendix 30B;
- b) Resolution No. 712 (WARC-92);
- c) the availability of the newly allocated HFBC bands;
- d) requirements for the MSS and associated feeder links and, if necessary, adopt in 1995 limited allocations;

4. to consider such consequential changes and amendments to the Radio Regulations as may be necessitated by the decisions of the Conference;

5. in accordance with Resolution No. 94 (WARC-92), to review those resolutions and recommendations of world administrative radio conferences which are relevant to **resolves** 1 to 4 above with a view to their possible revision, replacement or abrogation;

6. in accordance with Article 7 of the Convention (Geneva, 1992):

6.1 to consider and approve the report of the Director of the Radiocommunication Bureau on the activities of the Radiocommunication Sector since the last conference;

6.2 to recommend to the Council the agenda for the 1997 World Radiocommunication Conference, and to give its views on the preliminary agenda for the 1999 Conference and on possible agenda items for future conferences;

6.3 to identify those items requiring priority action by the radiocommunication study groups,

invites administrations

when preparing and submitting their proposals to WRC-95 relating to the simplification of the Radio Regulations or to matters relating to the agenda contained in this Resolution, to base them as far as practicable on the recommended texts in the final report of the VGE,

invites the Council

to establish the agenda and make provision for WRC-95 and to initiate as soon as possible the necessary consultation with Members,

instructs the Director of the Radiocommunication Bureau

to make the necessary arrangements to convene meetings of the Conference Preparatory Meeting in accordance with decisions of the Radiocommunication Assembly, (Geneva, 1993), and to prepare a report to WRC-95,

instructs the Secretary-General

to communicate this Resolution to concerned international and regional organizations.

RESOLUTION No. [COM4/2]

Preliminary Agenda for the 1997 World Radiocommunication Conference

The World Radiocommunication Conference (Geneva, 1993),

considering

that in accordance with Nos. 118 and 126 of the Convention (Geneva, 1992) and having regard to Resolution 1 of the Additional Plenipotentiary Conference (Geneva, 1992), the general scope of the agenda for the 1997 World Radiocommunication Conference (WRC-97) should be established four years in advance,

considering further

- a) Resolution 9 of the Additional Plenipotentiary Conference (Geneva, 1992);
- b) Article 13 of the Constitution (Geneva, 1992) regarding the competence and scheduling of world radiocommunication conferences and Article 7 of the Convention (Geneva, 1992) regarding their agendas;
- c) the relevant resolutions and recommendations of previous world administrative radio conferences,

resolves to give the view

that the following items should be included in the preliminary agenda of WRC-97, to be held in late 1997:

- 1. to take appropriate action in respect of those urgent issues that were specifically requested by the 1995 World Radiocommunication Conference (WRC-95);
- 2. to consider and take appropriate action in respect of the topics referred to in the following resolutions and recommendations:
 - 2.1 Resolutions Nos. 60 (WARC-79), 211 (WARC-92), 710 (WARC-92) and 712 (WARC-92);
 - 2.2 Recommendations Nos. 66(Rev. WARC-92), 621 (WARC-92), 711 (WARC-92) and 715 (Orb-88);
- 3. based on proposals by Members of the Union, and taking account of the results of WRC-95, to review and, where necessary, revise the provisions of the Radio Regulations with respect to the following topics:
 - 3.1 unresolved and other pressing issues concerning frequency allocations and regulatory aspects as related to the mobile-satellite services, including allocations for feeder links for mobile-satellite services as appropriate;
 - 3.2 other frequency allocation issues for the space services which are not covered in the above-mentioned Resolutions, as follows:
 - 3.2.1 allocation of frequency bands above 50 GHz to the Earth exploration-satellite (passive) service;
 - 3.2.2 frequency allocations and associated provisions for the band 399.9 - 400.05 MHz;

3.3 examination of, and taking necessary decisions on, the question of the HF bands allocated to the broadcasting service in the light of developments to date and the results of the studies carried out by the Radiocommunication Sector;

3.4 consideration of the possible deletion of all secondary and permitted allocations from the band 136 - 137 MHz, which is allocated to the aeronautical mobile (R) service on a primary basis, in accordance with Resolution No. 408 (Mob-87) and in order to meet the special needs of the aeronautical mobile (R) service;

3.5 the provisions of Chapters IX and N IX, as stipulated in Resolution No. 331 (Mob-87) and appropriate action in respect of the issues dealt with in Resolutions Nos. 200 (Mob-87), 210 (Mob-87) and 330 (Mob-87) taking into account that the global maritime distress and safety system (GMDSS) shall be fully implemented in 1999;

3.6 the following matters related to the maritime mobile and maritime mobile-satellite services:

3.6.1 the use of the Appendix 18 VHF frequency band for maritime mobile communications;

3.6.2 Article 61 relating to the order of priority of communications in the maritime mobile service and in the maritime mobile-satellite service;

3.7 Appendices 30 and 30A for Regions 1 and 3 in response to Resolution No. 524 (WARC-92), and taking particular account of **resolves** 2 of that Resolution;

4. to consider the report of the Director of the Radiocommunication Bureau on the activities of the Radiocommunication Sector since the last Conference;

5. to recommend to the Council items for inclusion in the agenda of the 1999 World Radiocommunication Conference and give its views on the preliminary agenda for the 2001 World Radiocommunication Conference;

6. to consider such consequential changes and amendments to the Radio Regulations as may be necessitated by the decisions of the Conference;

7. in accordance with Resolution No. 94 (WARC-92), to review those resolutions and recommendations of world administrative radio conferences which are relevant to **resolves** 1 to 6 above with a view to their possible revision, replacement or abrogation,

invites the Council

to consider the views given in this Resolution,

instructs the Director of the Radiocommunication Bureau

to make the necessary arrangements to convene meetings of the Conference Preparatory Meeting and to prepare a report to WRC-97,

instructs the Secretary-General

1. to communicate this Resolution to WRC-95;

2. to communicate this Resolution to concerned international and regional organizations.

RECOMMENDATION No. [PL/1]

**Convening of a Regional Radiocommunication Conference to Review
the Regional Agreement Concerning the Use by the Broadcasting
Service of Frequencies in the Medium Frequency Bands
in Regions 1 and 3 and in the Low Frequency Bands
in Region 1 (Geneva, 1975)**

The World Radiocommunication Conference (Geneva, 1993),

considering

- a) that the Regional Agreement Concerning the Use by the Broadcasting Service of Frequencies in the Medium Frequency Bands in Regions 1 and 3 and in the Low Frequency Bands in Region 1 (hereinafter referred to as "the Agreement") will remain in force beyond the date foreseen for its revision;
- b) that over a period of nearly 15 years substantial modifications have been made to the Geneva 1975 Plan following the application of Article 4 of the Agreement;
- c) that the geopolitical map in Regions 1 and 3 has undergone significant changes, requiring means to resolve unforeseen problems in parts of those Regions;
- d) that the procedure of Article 4 of the Agreement may need to be reviewed in the light of the simplifications of the Radio Regulations that may be adopted by the 1995 World Radiocommunication Conference (WRC-95) following consideration of the report of the Voluntary Group of Experts (VGE),

recommends the Council

- 1. to consider convening a regional radiocommunication conference with the following agenda:
 - to revise Article 4 of the Agreement, taking account of the decisions of WRC-95 relating to the recommendations of the VGE and to adopt any additional provisions that may assist countries in resolving local problems without affecting assignments in the Plan, except with the agreement of the countries concerned;
- 2. to plan this Conference at an appropriate date following consultation of the administrations concerned.

RECOMMENDATION No. [PL/2]

Mobile-Satellite Service Networks Published Under Resolution No. 46 (WARC-92)

The World Radiocommunication Conference (Geneva, 1993),

considering

- a) that the World Administrative Radio Conference (WARC-92) allocated the frequency bands 1 970 - 2 010 MHz and 2 160 - 2 200 MHz in Region 2 and 1 980 - 2 010 MHz and 2 170 - 2 200 MHz in Regions 1 and 3 to the mobile-satellite service (MSS) on a primary basis as of 2005;
- b) that this Conference recommends the Council to include a review of the above date in the agenda of the 1995 World Radiocommunication Conference (WRC-95);
- c) that some administrations have expressed the wish to start the coordination procedure contained in Resolution No. 46 (WARC-92) as soon as possible due to the long time that may be required for the completion of that coordination;
- d) that some administrations have already submitted information on projected MSS networks,

recognizing

that administrations shall comply with the provisions of the Final Acts of WARC-92 without prejudice to the decisions to be taken by WRC-95 in respect of the matters referred to under **considering** above,

recommends

that WRC-95 consider the status of those MSS satellite networks in the bands listed in **considering** a) which have been published before WRC-95,

invites administrations

to cooperate in coordination consultations referred to in **considering** c) above.